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Applicant : Martin E. Newell et al. Art Unit : 2775
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Title : MANIPULATION OF CURVES AND SURFACES

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE TO ACTION DATED OCTOBER 24, 2001

Please amend the claims as follows:

A₁ Sub B₁
1. (amended) A method comprising
receiving relocation information indicative of a user-specified change in position of any
arbitrary target location on a Bezier shape, the Bezier shape being governed by control points,
and
in response to the relocation information, determining new positions for canonical
locations on the curve or surface based on predefined behaviors of the canonical locations.

2. (amended) The method of claim 1, 23, or 24 in which the shape comprises a d-
degree Bezier curve, d an integer greater than 1, governed by d+1 control points.

3. (unchanged) The method of claim 2 in which there are d+1 canonical locations.

A₂
4. (amended) The method of claim 1, 23, or 24 further comprising
adjusting the control points so that the Bezier shape contains the canonical locations in
their new positions.

5. (unchanged) The method of claim 1 in which the Bezier shape comprises a curve
or a surface.

A₃
6. (amended) The method of claim 1, 23, or 24 further comprising rendering the
Bezier shape based on the new positions of the d+1 canonical locations.

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April 23 2002
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